

Table 3.4. Net Internal Demand, Actual or Planned Capacity Resources, and Capacity Margins by North American Electric Reliability Council Region, Winter, 2005 through 2010 (Megawatts)

North American Electric Reliability Council Region	Net Internal Demand ¹	Capacity Resources ²	Capacity Margin (percent) ³	Net Internal Demand ¹	Capacity Resources ²	Capacity Margin (percent) ³
2005/ 2006				2006/ 2007		
ECAR ⁴	NA	NA	NA	NA	NA	NA
ERCOT.....	46,991	61,003	23.0	43,565	71,672	39.2
FRCC.....	42,493	49,066	13.4	44,792	54,658	18.1
MAAC ⁴	NA	NA	NA	NA	NA	NA
MAIN ⁴	NA	NA	NA	NA	NA	NA
MRO (U.S.) ⁵	32,854	44,620	26.4	33,206	44,480	25.3
NPCC (U.S.).....	46,328	76,076	39.1	48,631	75,574	35.7
ReliabilityFirst ⁶	151,600	229,000	33.8	152,600	225,023	32.2
SERC.....	160,054	224,652	28.8	163,098	226,258	27.9
SPP.....	30,857	47,578	35.1	29,350	48,258	39.2
WECC (U.S.).....	105,670	152,211	30.6	105,272	153,973	31.6
Contiguous U.S.	616,847	884,206	30.2	620,514	899,896	31.0
2007/ 2008				2008/ 2009		
ECAR ⁴	NA	NA	NA	NA	NA	NA
ERCOT.....	44,184	72,642	39.2	45,386	73,329	38.1
FRCC.....	45,905	57,211	19.8	47,127	58,531	19.5
MAAC ⁴	NA	NA	NA	NA	NA	NA
MAIN ⁴	NA	NA	NA	NA	NA	NA
MRO (U.S.) ⁵	33,717	45,078	25.2	34,592	45,788	24.5
NPCC (U.S.).....	49,363	77,304	36.1	50,127	77,746	35.5
ReliabilityFirst ⁶	155,100	224,216	30.8	157,700	223,380	29.4
SERC.....	167,660	228,036	26.5	170,498	230,521	26.0
SPP.....	29,973	48,421	38.1	30,540	49,682	38.5
WECC (U.S.).....	107,500	155,499	30.9	109,731	155,257	29.3
Contiguous U.S.	633,402	908,407	30.3	645,701	914,234	29.4
2009/ 2010				2010/ 2011		
ECAR ⁴	NA	NA	NA	NA	NA	NA
ERCOT.....	46,414	72,961	36.4	47,310	72,783	35.0
FRCC.....	48,088	60,119	20.0	49,257	61,919	20.4
MAAC ⁴	NA	NA	NA	NA	NA	NA
MAIN ⁴	NA	NA	NA	NA	NA	NA
MRO (U.S.) ⁵	35,190	46,370	24.1	35,805	46,566	23.1
NPCC (U.S.).....	50,743	77,746	34.7	51,320	77,746	34.0
ReliabilityFirst ⁶	160,100	223,302	28.3	162,600	223,242	27.2
SERC.....	172,617	235,361	26.7	176,646	238,933	26.1
SPP.....	31,144	50,221	38.0	31,691	51,495	38.5
WECC (U.S.).....	112,330	155,269	27.7	114,553	154,710	26.0
Contiguous U.S.	656,626	921,349	28.7	669,182	927,394	27.8

¹ Net Internal Demand represents the system demand that is planned for, which is set to equal Internal Demand less Direct Control Load Management and Interruptible Demand by the electric power industry's reliability authority. See Technical Notes for detailed definitions.

² Capacity Resources: Utility- and IPP-owned generating capacity that is existing or in various stages of planning or construction, less inoperable capacity, plus planned capacity purchases from other resources, less planned capacity sales.

³ Capacity Margin is the amount of unused available capability of an electric power system at peak load as a percentage of capacity resources..

⁴ ECAR, MAAC, and MAIN dissolved at the end-of-2005. Utility membership joined various other reliability regional councils.

⁵ Regional name has changed from Mid-Continent Area Power Pool to Midwest Reliability Organization.

⁶ ReliabilityFirst Corporation (RFC) came into existence on January 1, 2006, and submitted a consolidated filing covering the historical NERC regions of ECAR, MAAC, and MAIN. Many of the former utility members joined RFC.

NA = Not available.

Notes: • Actual data are final. • Projected data are updated annually, so revision superscript is not used. • Represents an hour of a day during the associated peak period. • The winter peak period begins on December 1 and extends through end-of-February of the following year. For example, winter 2004/2005 begins December 1, 2004, and extends February 28, 2005 • The MRO, SERC, and SPP regional boundaries were altered as a variety of utilities changed reliability organizations. The historical data series have not been adjusted. • Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-411, "Coordinated Bulk Power Supply Program."